

REMARKS/ARGUMENTS

Claims 1 and 5-36 are pending in the application.
Original claims 2-4 are canceled in the present response.

5 Claims 1, 5, and 24-28 have been amended.

The undersigned discussed the substance of the Office
Action with Examiner Solola in a telephone conference on
January 10, 2005. Applicants thank the examiner for the
discussion and further clarification provided concerning
10 the § 102 rejection.

Claims 1-3 and 30 were rejected under 35 U.S.C. §
102(b) over U.S. Patent 5,512,451 (Kricka I), a paper in
Proc. of the 9th Intl. Symposium on Biolum. and Chemilum.
(1997), pp.470-480 (Kricka II) and another paper in Talanta
15 (1997), 44(6), 1073-9 (Kricka III). Applicants point out
for the record that the cited pages in the reference
designated Kricka II herein actually spans two consecutive
related publications by Kricka. The references disclose the
use of aromatic boronic acid and ester compounds as
20 enhancers of the chemiluminescent oxidation of fused
aromatic diacyl cyclic hydrazides, such as luminol, by a
peroxide and a peroxidase enzyme. Claim 1 as amended no
longer reads on any of the compounds in these references by
virtue of the new limitation that the claimed compound must
25 be substituted with a dioxetane ring. Also, functional
language has been deleted from the claim. It is believed
that claims 1 and 30 are patentable over the cited
references.

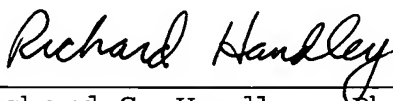
Claims 2 and 3 were rejected under 35 U.S.C. § 112,
second paragraph as improperly depending from claim 1.
These claims have been canceled.

Claims 1-4 were rejected under 35 U.S.C. § 112, second
5 paragraph over the use of the term "comprises" in claims 1
and 4. The examiner takes the position that this open-ended
construction is impermissible in a claim to a compound.
Applicants are unaware of any such statute and dispute that
such a position is correct as a matter of law. Nonetheless,
10 alternate claim language has been adopted in claim 1 as a
result of Applicants desire to narrow the focus of the
claim and in the interest of advancing prosecution. As a
result claim 4 has been canceled.

Claims 24-28 have been amended to be in independent
15 form. The application now contains a total of seven
independent claims.

It is believed that the present response and amendment
places all claims in allowable condition. Issuance of a
Notice of Allowance is respectfully requested.

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